



IFW

Attorney Docket No. PP19199.002 (2300-19199)

PATENT

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By: [Signature]

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of ARCANGEL et al.

Serial No.: 10/658,782

Examiner: Michael M. McGaw

Confirmation No.: 7355

Art Unit: 1648

Filed: September 8, 2003

For: HCV ASSAY

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

Enclosed is an Information Disclosure Statement and accompanying Form PTO/SB/08A for the above-identified patent application.

- ☒ In accordance with 37 C.F.R. §1.97(b), no additional fee for submission of the IDS is required.
- ☒ In accordance with 37 C.F.R. §1.97(c), also enclosed is:
  - ☐ the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p); or
  - ☒ a statement as specified in 37 C.F.R. §1.97(e).
- ☐ In accordance with 37 C.F.R. §1.97(d), a statement as specified in 37 C.F.R. § 1.97(e) and the fee of \$180.00 as set forth in 37 C.F.R. §1.17(p) are also enclosed.
- ☐ Check No. \_\_\_ in the amount of \$\_\_\_ for the total fee is attached.

☒ [X] A return receipt postcard is also enclosed.

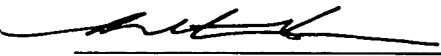
☐ [] Please charge \$\_\_\_\_\_ to Deposit Account No. 18-1648 for the total fee.  
This paper is being submitted in duplicate.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. §§1.16, 1.17, and 1.21 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 18-1648.

Dated: 9/21/04

Respectfully submitted,

Chiron Corporation  
Intellectual Property – R440  
P.O. Box 8097  
Emeryville, CA 94662-8097  
Tel: (510) 923-8406  
Fax: (510) 655-35420

By:   
Roberta L. Robins  
Reg. No. 33,208

Attorney Docket No. PP19199.002 (2300-19199)

PATENT

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By: 

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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Mail Stop  
Commissioner for Patents  
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Alexandria, VA 22313-1450

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 C.F.R. §1.97(c)**

In accordance with the duty of disclosure set forth in 37 C.F.R. §1.56,  
Applicant(s) hereby submits the following information in conformance with 37 C.F.R.  
§§1.97 and 1.98.

- ☒ Pursuant to 37 C.F.R. §1.98, a copy of each document cited in the attached Form PTO/SB/08 is enclosed.
- ☐ No copies of the publications listed on the attached Form PTO/SB/08A are being provided pursuant to 37 C.F.R. §1.98(d) because the publications were previously cited by or submitted to the Office in prior Application Serial No. \_\_\_\_ to which the above-identified application claims priority under 35 U.S.C. §120.
- ☒ Publications listed on the attached Form PTO/SB/08A were cited in a foreign search or examination report corresponding to PCT application serial no. PCT/US03/28071 and mailed on September 7, 2004.

- ☐ Enclosed is a copy of a non-English publication(s) \_\_\_\_\_. Pursuant to §609 of the M.P.E.P., Applicant submits the attached foreign search or examination report, which cites such non-English language publication(s).
- ☐ Enclosed is a copy of a non-English publication(s) \_\_\_\_\_. English language publication \_\_\_\_\_ (copy enclosed) claims priority from this non-English publication.
- ☐ Enclosed is an explanation of non-English publication(s) \_\_\_\_\_ for which an English translation is not available.
- ☐ Enclosed is an English translation of non-English publication(s) \_\_\_\_\_ cited in the attached Form PTO/SB/08A.
- ☐ Enclosed is a copy of pending patent Application Serial No. \_\_\_\_\_.

This Information Disclosure Statement is filed after the period specified in 37 C.F.R. § 1.97(b), but before the mailing of:

- ☒ a final action under 37 C.F.R. § 1.113;
- ☐ a notice of allowance under 37 C.F.R. § 1.113; or
- ☐ an action that otherwise closes prosecution in this application.

In accordance with 37 C.F.R. § 1.97(c) also enclosed is:


- ☐ Fee under 37 C.F.R. § 1.17(p) in the amount of \$180.00; or
- ☒ Statement as specified in 37 C.F.R. § 1.97(e):
  - ☒ Each item of information contained in the Information Disclosure Statement cited herein was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
  - ☐ No item of information contained in the Information Disclosure Statement submitted herewith was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, having made a reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the Information Disclosure Statement.

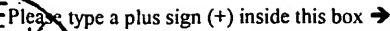
It is respectfully requested that the Examiner consider the above-noted information and return an initialed copy of the attached Form PTO/SB/08A to the undersigned.

Dated: 9/21/04

Respectfully submitted,

Chiron Corporation  
Intellectual Property – R440  
P.O. Box 8097  
Emeryville, CA 94662-8097  
Tel: (510) 923-8406  
Fax: (510) 655-35420

By:   
Roberta L. Robins  
Reg. No. 33,208



PTO/SB/08A (08-00)

**Complete if Known**

<b>Application Number</b>	10/658,782
<b>Filing Date</b>	September 8, 2003
<b>First Named Inventor</b>	Arcangel et al.
<b>Group Art Unit</b>	1648
<b>Examiner Name</b>	Michael M. McGaw
<b>Attorney Docket Number</b>	PP19199.002 (2300-19199)

*(use as many sheets as necessary)*

Sheet	1	of	2
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## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number.

<sup>2</sup> See attached Kinds of U.S. Patent Documents.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this box →



PTO/SB/08A (08-00)

Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>				<i>Complete if Known</i>	
				Application Number	10/658,782
				Filing Date	September 8, 2003
				First Named Inventor	Arcangel et al.
				Group Art Unit	1648
				Examiner Name	Michael M. McGaw
Sheet	2	of	2	Attorney Docket Number	PP19199.002 (2300-19199)

	CA	Chien et al., "USE OF A NOVEL HEPATITIS C VIRUS (HCV) MAJOR-EPITOPE CHIMERIC POLYPEPTIDE FOR DIAGNOSIS OF HCV INFECTION," Journal of Clinical Microbiology, 37(5):1393-1397 (1999)	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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<sup>1</sup> Applicant is to place a check mark here if English language Translation attached.